

Work Order ID 77180, 75365

\*77180\*

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November-28-11 9:03:11 AM

Item ID: D3499-3 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Plastic Cable Guard  
 Start Date: 28/11/2011 Start Qty: 4.00 \*4\*  
 Required Date: 12/12/2011 Req'd Qty: 4.00 \*4\*  
 Reference: Cust Item ID:  
 Customer:

Approvals: Process Plan: M.L.J Date: 11/11/28 Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3499	Rev C								

100 0.00

\*100\*

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3499

Dwg Rev: C

Prog Rev: C

2-Deburr if necessary

11-11-29



110 0.00

\*110\*

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

75365

11-11-29

120 0.00

\*120\*

HAAS CNC VERTICAL MACHINING #1

HAAS 1

Memo

0.00

HAAS CNC vertical machine #1

1- Mill as per Folio FA636 Rev: & Dwg D3499 Rev:

2-Deburr per dwg D3499

Done on B 75365

78653

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 77180**

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**\*77180\***

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Item ID: D3499-3

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Plastic Cable Guard

Stop

**\*NS2\***

Start Date: 28/11/2011 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 12/12/2011 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*130\***

QC

Memo

0.00

Quality Control

140

CONVENTIONAL MILLING MACHINE

0.00

**\*140\***

Mill Conv

Memo

0.00

Conventional Milling Machine

C'BORE AS PER DWG D3499

150

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*150\***

QC

Memo

0.00

Quality Control

WBS 24  
done on  
75365  
per JL

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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# Work Order ID 75365

October-21-11 8:16:14 AM

**\*75365\***

Page 1

Item ID: D3499-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Plastic Cable Guard  
 Start Date: 20/10/2011 Start Qty: 8.00 **\*8\*** Cust Item ID:  
 Required Date: 02/11/2011 Req'd Qty: 8.00 **\*8\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 11/10/21 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_  
 Run Start **\*NR1\***  
 Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3499	Rev C								
100	FLOW WATER JET	0.00							
<b>*100*</b>									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3499 Dwg Rev: <u>C</u> Prog Rev: <u>C</u> 2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
<b>*110*</b>									
QC	Memo	0.00							
Quality Control									
120	HAAS CNC VERTICAL MACHINING #1	0.00							
<b>*120*</b>									
HAAS 1	Memo	0.00							
HAAS CNC vertical machine #1	1- Mill as per Folio FA636 Rev: <u>B</u> & Dwg D3499 Rev: <u>C</u> 2-Deburr per dwg D3499								

B 11-11-1

8

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FA 11/12/12

8

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**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 75365**

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**\*75365\***

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Item ID: D3499-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Plastic Cable Guard  
Start Date: 20/10/2011 Start Qty: 8.00 **\*8\*** Cust Item ID:  
Required Date: 02/11/2011 Req'd Qty: 8.00 **\*8\*** Customer:  
Reference:  
Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> QC Quality Control	QC2- Inspect parts off machine FAI/FAIB  Memo	0.00 0.00	<i>FR</i>	<i>11/12/12</i>		<i>8</i>			
140 <b>*140*</b> Mill Conv Conventional Milling Machine	CONVENTIONAL MILLING MACHINE  Memo C'BORE AS PER DWG D3499	0.00 0.00	<i>RP</i>	<i>11.12.13</i>		<i>8</i>			
150 <b>*150*</b> QC Quality Control	QC2- Inspect parts off machine FAI/FAIB  Memo	0.00 0.00	<i>RP</i>	<i>11.12.13</i>		<i>8</i>			

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Work Order ID 75365

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**\*75365\***

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Item ID: D3499-3 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Plastic Cable Guard  
 Start Date: 20/10/2011 Start Qty: 8.00 **\*8\*** Cust Item ID:  
 Required Date: 02/11/2011 Req'd Qty: 8.00 **\*8\*** Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 <b>*160*</b> QC Quality Control	QC8- Inspect parts - second check  Memo	0.00  0.00		5A 11/12/13		8	0		
170 <b>*170*</b> Packaging Packaging	Identify as per dwg & Stock Location <u>207</u>  Memo	0.00  0.00							<u>11/12/14</u> (8)
180 <b>*180*</b> QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00  0.00							<u>11/12/14</u> (8) CZ 11/12/14

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

October-21-11 8:16:18 AM

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Work Order ID: 75365

\*75365\*

Parent Item: D3499-3

\*D3499-3\*

Parent Item Name: Plastic Cable Guard

Start Date: 20/10/2011

Required Date: 02/11/2011

Start Qty: 8.00

Required Qty: 8.00

## Comments:

IPP Rev:A New Issue 06-05-05 JLM

IPP Rev:B As per Rev B 06-08-31 JLM

IPP Rev:C as per dwg

revC DD 10.02.23 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MUHMWB625		Purchased	No			110	sf	3.0000	1.081	9.103158			

**\*MUHMWB625\***

\*\*

1811-11-1

UHMW .625 Black Tivar 1000

### Location

### Loc Qty

### Loc Code

MAT018

3

109313

3

109313

(4)

# Location/Lot Activity

December-28-11 2:38:45 PM

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Criteria : Item ID: d3499-3 All Locations All Lots All Transaction Types All Dates Report on Locations & Lots

Transaction Type	Item ID/ Item Name	Warehouse Location ID	Reason	Employee ID Location Code	Loc Trans Date	LocQtyPrior/ Location Qty	Lot Number	LotQtyPrior/ Lot Qty	Shelf Life Date Lot Code	Extended Cost
Inv Adjustment	D3499-3 / Plastic Cable Guard	Main Warehouse	DE-REVVING	INS007		0.0000		0.0000		
		ST			12/05/09	5.0000	41875	1.0000	QC21	\$15.99
		Main Warehouse	DE-REVVING	INS007		0.0000		0.0000		
		ST			12/05/09	5.0000	43907	4.0000	QC21	\$63.98
								<b>5.0000</b>		<b>\$79.97</b>
Loc Transfer	D3499-3 / Plastic Cable Guard	Main Warehouse		LACE01		0.0000		0.0000		
		ST207			3/10/10	4.0000	43907	4.0000		\$63.98
		Main Warehouse		LACE01		5.0000		4.0000		
		ST			3/10/10	-4.0000	43907	-4.0000		-\$63.98
		Main Warehouse		LACE01		4.0000		0.0000		
		ST207			3/10/10	1.0000	41875	1.0000		\$15.99
		Main Warehouse		LACE01		1.0000		1.0000		
		ST			3/10/10	-1.0000	41875	-1.0000		-\$15.99
								<b>0.0000</b>		<b>\$0.00</b>
Physical Cnt Update	D3499-3 / Plastic Cable Guard	Main Warehouse		LACE01		5.0000		4.0000		
		ST207			3/26/11	-5.0000	43907	-4.0000	QC21	-\$63.98
		Main Warehouse		LACE01		5.0000		1.0000		
		ST207			3/26/11	-5.0000	41875	-1.0000	QC21	-\$15.99
								<b>-5.0000</b>		<b>-\$79.97</b>
Rework	D3499-3 / Plastic Cable Guard	Main Warehouse	78077	LACE01		4.0000		4.0000		
		ST207			12/28/11	-4.0000	75365	-4.0000		-\$63.98
								<b>-4.0000</b>		<b>-\$63.98</b>
WIP Receipt	D3499-3 / Plastic Cable Guard	Main Warehouse	75365	LAVO01		0.0000		0.0000		
		ST207			12/14/11	4.0000	75365	4.0000		\$63.98

Transaction Type	Item ID/ Item Name	Warehouse Location ID	Reason	Employee ID Location Code	Loc Trans Date	LocQtyPrior/ Location Qty	Lot Number	LotQtyPrior/ Lot Qty	Shelf Life Date	Extended Cost
WIP Receipt	D3499-3 / Plastic Cable Guard	Main Warehouse ST207	78077	LACE01		0.0000		0.0000		
					12/28/11	4.0000	75365	4.0000		\$63.98
								8.0000		\$127.95